



## Ballistic Missile Defense System Interceptors

Develop a next-generation mobile, multi-use intercept capability to destroy Medium Range Ballistic Missiles, Intermediate Range Ballistic Missiles and Intercontinental Ballistic Missiles in boost, ascent and midcourse phases of flight. This mobile capability is used in the boost and ascent phases, where missiles are destroyed shortly after they are launched, prior to the release of their lethal payloads and countermeasures. This capability is also used in the midcourse phase, where the missile has stopped thrusting so it follows a more predictable glide path and providing a longer time to track and engage the target.

### Overview

- We deploy our system close to a threat on mobile land launchers or on sea-based platforms such as surface ships or submarines
- Our system's mobile, multi-use capability can destroy ballistic missiles in boost, ascent and midcourse phases of flight

### Details

- Our common, multi-use design and performance approach are for booster, kill vehicle, and mobile Command, Control, Battle Management and Communications
- Risk is reduced through demonstration tests, robust engineering and integration
- Our Command, Control, Battle Management and Communications equipment interfaces with the Ballistic Missile Defense System
- Our system uses Ballistic Missile Defense System sensors as well as other overhead sensors to obtain threat tracking data



### Development

- We plan to deploy in Block 2012 (2012 - 2013)
- Our deployment includes an interceptor; launcher; and Command, Control, Battle Management and Communications capability